

IN THE CLAIMS

The following is a complete listing of the claims which replace any prior versions:

1 1. (Currently Amended) A method for providing assistance in magnetization
2 switching to a pole tip, comprising:
3 disposing a magnetic bias field source proximate to and along side the pole tip for
4 switching the pole-tip magnetization; and
5 causing current to flow through the magnetic bias field source ~~for~~ to providing
6 provide a magnetic bias-field ~~at a~~ to the pole tip to bias the magnetization ~~facilitate~~ of the
7 pole-tip transversely magnetization ~~switching~~.

1 2. (Currently Amended) The method of claim 1 wherein the providing the
2 magnetic bias-field ~~at~~ to a pole tip further comprises providing the magnetic bias field
3 substantially transverse to the longitudinal axis of the pole tip and along side the pole tip.

1 3. (Currently Amended) The method of claim 1 wherein the causing current
2 to flow through the magnetic bias field source to provide a magnetic bias-field to
3 ~~providing the magnetic bias-field at~~ a pole tip further comprises providing the magnetic
4 bias field substantially transverse to an easy axis of magnetization of ~~for~~ the pole tip.